

DOWNLOAD PDF GUIDE TO THE ENGINEERING MANAGEMENT BODY OF KNOWLEDGE 2010

Chapter 1 : Project Management Body of Knowledge - Wikipedia

An authoritative guide to key engineering management principles and practices, this book is divided into eight concise domains of engineering management knowledge, which are further broken down into 46 knowledge areas and sub-knowledge areas.

That document was to some extent based on earlier work that began with a white paper published in called the "Ethics, Standards, and Accreditation Committee Final Report. The Fourth edition was published in The Fifth Edition was released in Processes overlap and interact throughout a project or its various phases. Inputs documents, plans, designs, etc. Tools and Techniques mechanisms applied to inputs Outputs documents, plans, designs, etc. A Guide to the Project Management Body of Knowledge " Sixth Edition provides guidelines for managing individual projects and defines project management related concepts. It also describes the project management life cycle and its related processes, as well as the project life cycle. The PMBOK as described in the Guide recognizes 49 processes that fall into five basic process groups and ten knowledge areas that are typical of most projects, most of the time. Process groups[edit] The five process groups are: Those processes required to establish the scope of the project, refine the objectives, and define the course of action required to attain the objectives that the project was undertaken to achieve. Those processes performed to complete the work defined in the project management plan to satisfy the project specifications Monitoring and Controlling: Those processes required to track, review, and regulate the progress and performance of the project; identify any areas in which changes to the plan are required; and initiate the corresponding changes. Those processes performed to finalize all activities across all Process Groups to formally close the project or phase. Knowledge areas[edit] The ten knowledge areas, each of which contains some or all of the project management processes, are: Each of the ten knowledge areas contains the processes that need to be accomplished within its discipline in order to achieve effective project management. Each of these processes also falls into one of the five process groups, creating a matrix structure such that every process can be related to one knowledge area and one process group. Extensions[edit] While the PMBOK Guide is meant to offer a general guide to manage most projects most of the time, there are currently three official extensions: One thrust of critique has come from the critical chain developers and followers e. Goldratt and Lawrence P. Leach , [5] as opposed to critical path method adherents. A second strand of criticism originates in Lean Construction.

Chapter 2 : Download SEBoK PDF - SEBoK

An authoritative guide to key engineering management principles and practices, this book is divided into eight concise domains of engineering management knowledge, which are further broken down into 46 knowledge areas and sub-knowledge areas. This guide covers a wide range of management topics.

Chapter 3 : Guide to the engineering management body of knowledge. (eBook,) [racedaydvl.com]

PREFACE A Guide to the Engineering Management Body of Knowledge (EMBOK) is now in its 4th edition. Each new edition of the EMBOK guide represents a significant step forward in the lifecycle of this important publication.

Chapter 4 : American Society for Engineering Management | Store

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